

CLAIMS

What is claimed is:

- 5 1. Stripper assembly for an injection molding machine
comprising:
at least one slide pair having a first slide and a second
slide,
an actuator operatively coupled to said first slide for
10 moving said first slide in a first direction, and
a transmission means operatively coupled to said first
slide and said second slide for transforming said
movement of said first slide in said first
direction in a movement of said second slide in a
15 second direction, said second direction being
opposite to said first direction.
2. Stripper assembly as claimed in claim 1, having a set of
slide pairs, said set of slide pairs comprising:
20 at least one first connecting bar for connecting said
first slides;
at least one second connecting bar for connecting said
second slides.
- 25 3. Stripper assembly as claimed in claim 1, having a first
set of slide pairs and a second set of slide pairs, each
set of slide pairs comprising:
at least one first connecting bar for connecting said
first slides; and

at least one second connecting bar for connecting said
second slides.

4. Stripper assembly as claimed in claim 3, wherein said
5 first slides of said first set and said first slides of
said second set are operated in opposite directions.

5. Stripper assembly as claimed in claim 4, wherein said
first and second connecting bars are connected to said
10 first and second slides at first end portions thereof.

6. Stripper assembly as claimed in claim 5, wherein a
further set of first and second connecting bars is
connected to said first and second slides at second end
15 portions thereof.

7. Stripper assembly as claimed in claim 6, wherein
said transmission means couple said at least one first
connecting bar to said at least one second connecting
20 bar.

8. Stripper assembly as claimed in claim 7, wherein said
transmission means comprises:

a pivoting lever pivotably mounted between said first and
25 second slides, a first end of said pivoting lever being
coupled to said first slide and a second end of said
pivoting lever being coupled to said second slide.

9. Stripper assembly as claimed in claim 7, wherein said transmission means comprises:

a first toothed face coupled to said first slide;

a second toothed face coupled to said second slide, said first and second toothed faces facing each other; and

a gearwheel engaging said first and second toothed faces.

10. Stripper assembly as claimed in claim 9, wherein said actuation means is mounted on said at least one first connecting bar.

11. Stripper assembly as claimed in claim 10, wherein said actuation means comprises:

a cam follower connected to said first slide, and

a cam in which said cam follower is movable for moving said first slide in said first direction.

12. Injection molding machine comprising a stripper assembly as claimed in any one of claims 1 to 11.